monitor Libya's nuclear programs following the return of Libyan WMD to the United States in 2003.

In addition to her work on non-proliferation issues, she used her expertise on Russia and developed and implemented the U.S. program that trains Russian doctors with our doctors in Africa involved in the treatment and care of those with HIV/AIDS.

Ms. Copeland was born in Florida and grew up in Connecticut, but she and her family have deep roots in West Texas where her parents and grandparents are Dimmitt, Texas natives. In honor of Ms. Copeland, Texas Tech University in Lubbock, Texas, has developed a scholarship for students interested in using scientific and technical skills to promote peace internationally. This is a very unique scholarship as it is the only one of its kind at any major university in America.

I congratulate Texas Tech University in developing this scholarship, and I think it is a great honor to a great American who served this country with such distinction. I send my thoughts to her family, and it is my distinct pleasure to honor Robin Copeland.

CONGRATULATING PROFESSOR LEI ZUO

HON. TIMOTHY H. BISHOP

OF NEW YORK

IN THE HOUSE OF REPRESENTATIVES

Tuesday, November 27, 2012

Mr. BISHOP of New York. Mr. Speaker, I rise today to recognize and congratulate Professor Lei Zuo of Stony Brook University and his students, Teng Lin and John Wang, for their tremendous achievement as their project was recently named Best Application of Energy Harvesting at the Energy Harvesting and Storage USA 2012 conference.

There has been a significant progress over the last couple of decades to find new and innovative ways to generate, store, and harness energy in an efficient, cost-effective, and environmentally-friendly manner. This is exactly what Professor Zuo and his team have done. The project, entitled ''Mechanical Motion Rectifier (MMR) based Railroad Energy Harvester,'' has the potential to revolutionize the way in which railroad equipment is powered.

Professor Zuo and his team have been studying various uses for MMR technology. They first created a device that can be retrofitted to automobiles and use vibrational energy captured as the car travels to recharge the battery and power other electronic components. They then turned their attention to other industries in which the technology might be useful. The railroad industry presented the type of challenge the team was looking for.

In order to operate the over one hundred thousand miles of track throughout the United States efficiently and with as few train accidents as possible, the industry utilizes a system of signal lights, crossing gates, and track switches. Each of these systems requires electricity to operate, which often means having to find a way to install and maintain power sources in remote or hard-to-access locations.

The device created by the team at Stony Brook University can be installed on train tracks without much difficulty. It collects the unusable up-and-down vibrational energy created by train cars passing over the tracks; this type of energy is generally wasted. The collected energy is then converted into unidirectional energy that can be used to power the safety components needed to operate the rail system. The creation of electricity at the location where it is needed will save time and money that would otherwise be required to install, maintain, and repair electrical lines connected to the components. Over the long run, this technology will help increase the efficiency of rail systems and, hopefully, cut down on costly service disruptions.

I thank Professor Zuo and his team for their important work on energy harvesting. It is critical that we find new and innovative ways to increase energy efficiency. Projects such as this, which find ways to capture energy that would otherwise be lost, are the key to unlocking new avenues of green technology. I also wish to congratulate Stony Brook University, which I am very proud to represent in Congress, for its continuing support for innovative breakthroughs in science and technology.

Mr. Speaker, on behalf of New York's first congressional district, I again congratulate Professor Zuo and his team on the well-deserved recognition they have received and wish them success in their future research endeavors.

RECOGNIZING THE LIFE OF SERVICE OF RICHARD ''RJ'' KRAUSE

HON. JERRY F. COSTELLO

OF ILLINOIS

IN THE HOUSE OF REPRESENTATIVES

Tuesday, November 27, 2012

Mr. COSTELLO. Mr. Speaker, I rise today to ask my colleagues to join me in recognizing the life of service of Richard ''RJ'' Krause as well as that of his brother, Russell Krause.

RJ Krause has been a well-known figure in the East St. Louis and surrounding community, particularly for his tremendous work for youth sports.

A product of East St. Louis parochial and public schools, RJ graduated from East St. Louis Senior High School (East Side) and went on to Southwestern Illinois College (then Belleville Area College) and Southern Illinois University Edwardsville. RJ's early interest in serving area youth made a career in education a natural fit and he would go on to teach for 38 years before retiring in 2010.

RJ began his coaching career in 1964, the same year he started high school. He has coached most sports, including basketball, baseball, softball, football, tennis and cheerleading. On February 10, 2004, RJ coached in his 6,000th athletic event, a tremendous accomplishment that bears witness to his tireless dedication to youth sports.

In 1979 RJ founded the RJ Krause All-Stars sports club. Through this organization, a generation of mostly at-risk boys and girls has had the opportunity to develop their athletic talents through organized sports as well as going on educational field trips and many other wholesome activities.

While teaching and coaching, RJ has found time to make many other significant contributions to his community. He has served as precinct committeeman, county board member and township clerk.

RJ's list of awards is long, including the Kimmel Community Service Award, the St. Vincent de Paul Society Volunteer of the Year Award, the St. Louis Sports Commission Award and, most recently, the East St. Louis NAACP Stellar Life Achievement Award.

Through most all of RJ's lifetime of service, he has had a constant companion who has worked just as tirelessly for the youth of our area, his brother, Russell Krause. Russell has also received his share of local awards, including being nominated for the Dr. King Award, being named a Hardee's Hometown Hero and recognition from the St. Louis Sports Commission.

Mr. Speaker, I ask my colleagues to join me in honoring two champions for youth sports and the St. Louis Metro East community, Richard ''RJ'' Krause and his brother, Russell Krause and in wishing both of them and their family the very best in the future.

CONGRATULATING THE SOUTHERN MARYLAND ELECTRIC COOPERATIVE ON ITS 75TH ANNIVERSARY YEAR

HON. STENY H. HOYER

OF MARYLAND

IN THE HOUSE OF REPRESENTATIVES

Tuesday, November 27, 2012

Mr. HOYER. Mr. Speaker, I rise to congratulate the Southern Maryland Electric Cooperative—known colloquially as ''SMECO''—on 75 years of serving communities in Maryland's Fifth District. Since its humble beginnings bringing power to a handful of farmers, SMECO has become a major utility that fuels economic growth across Southern Maryland.

In 1937, SMECO was first incorporated in the wake of President Roosevelt's New Deal initiative to connect rural areas with electricity. With assistance from Roosevelt's Rural Electrification Administration, SMECO brought affordable light and power to families in Charles, St. Mary's, and Calvert Counties for the first time. Over the years, SMECO expanded its service and brought electrical power to communities the major urban and suburban utilities had left in the dark.

As one of the oldest and largest electricity cooperatives in the country, SMECO is owned by the families and businesses it serves, with all profits reinvested in infrastructure improvements or as rebates to shareholders. What began with 400 families just before the Second World War today provides power to over 147,000 homes and businesses across Southern Maryland.

Mr. Speaker, on behalf of all the people of our District, I want to thank the men and women of SMECO for their hard work throughout the years. Whether it is a snow storm or a hurricane, they immediately go to work and, within days, restore power for most shareholders who have lost their connections as a result of downed wires. I commend them for their focus and diligence during these emergencies and for continuing to earn praise from shareholders for their preparedness and responsiveness along with respect from utility management professionals across the country.

I also join in celebrating this milestone of 75 years of creating opportunities for rural Marylanders. For three quarters of a century, the men and women of SMECO have played a vital role in the economy and community of Southern Maryland for which they are to be commended.